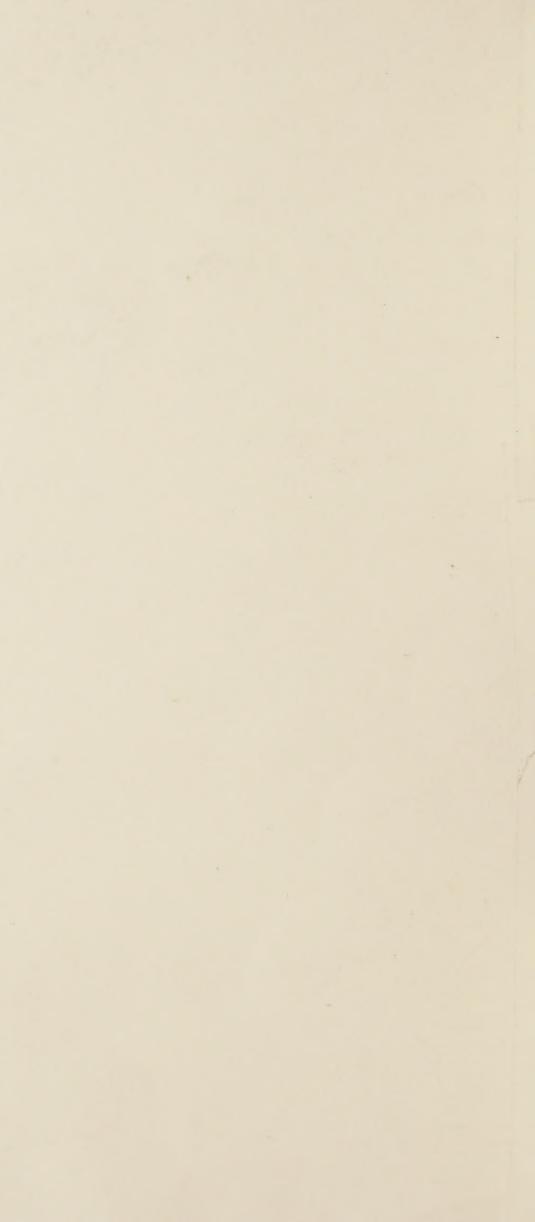
### **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



### SPRING, 1948-MARCH 1st.

This supersedes all prior prices quoted at any time.

### NUT TREE NURSERIES

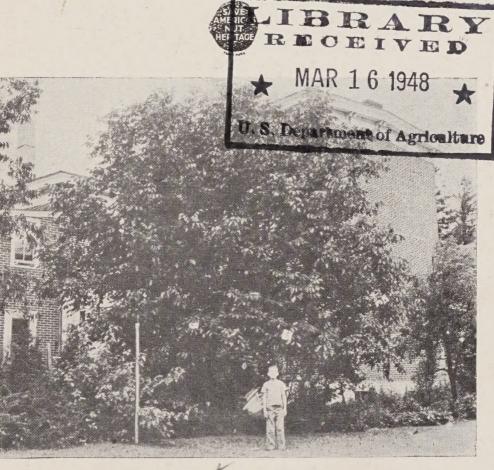
JOHN W. HERSHEY, Owner

#### DOWNINGTOWN, PA.

This Nursery is the National Headquarters for Information on Scientific Tree Crop Culture.

How to **Get Rich** without plowing. How to grow crops on shade trees. Read about it.

"Plant until you're Planted"



#### 8-year-old Broadview English Walnut.

I believe this is the oldest Broadview English Walnut in the east—stands on the lawn of my Brother at Honey Brook, Pennsylvania. He buggered me for 6 years while it bore a few nuts under his "no-care" treatment. Last year, the seventh, it had a half bushel. This year, the eighth, it's better loaded. I've had a tough time holding back from recommending it commercially because it's such a hardy tree with a fine nut. Starting to bear, edges it closer 'n' closer to being a sure thing commercially. Try some.

 $\frac{\text{Idle People}}{\text{Idle Acres}} + \frac{\text{Idle Money}}{\text{Tree Crops}} = \text{Prosperity}$ 

NOTE—CHANGE OF LOCATION—The new location is—4 miles Northwest of Downingtown at Guthrieville on U.S. Route 322 (the Horseshoe Pike). Turn north at stone school house ¼ mile past Guthrieville, second place on left. Coming from the West turn left second road past the old Manor Church. NO SUNDAY BUSINESS.

How to get rich without plowing! Let Dan Mason of New Jersey, an executive of the General Chemical Company tell his story. Winter of 1939—he used what he called his "golf time" in cleaning up an old farm. Spring of 1940 he started to plant Chestnuts, Honey Locust and Walnuts, 3 Persimmons and an assortment of all nuts around the house.

By 1947 his golf clubs were completely rusted BUT he had over 500 trees beautifully started. Fall 1947 he phoned me. Said he: "John those Persimmons have a bushel of fruit a piece, man are they nice. Wouldn't a grove be something for hog feed?" His pecan had a few nuts, his Chestnuts, English Walnuts and Black Walnuts are starting to bear. He's had a kink in his back for 7 years "mothering" these trees with little help. His heaven is coming in now.

You too can do this on your home plot, your small farm, your large farm. Oh! yes, it's work, I know, I'm doing it. But that's the only way to scale the the peak of accomplishment. Try it!

Outstanding Features for the Spring Season (Read all about them in the following pages.)

To the south I say. Your land is the home of a rich farming empire without plowing. I say—read about what a man is doing in Alabama with Chinese Chestnuts or the State Experiment Station at Auburn with Honey Locust. Then buy what trees you can. Plant 10 trees, stoutstemmed and true, and you'll soon have 10,000 more. Soon the south will be in the shade instead of the shady influence of Washington. Let me hear from you.

THE HERSHEY WAY. This folks is the starting at the beginning of—growing our trees in proper soil, organically managed. Then selection of seed for understock and scions to graft with.

Next step—Remember we're not brush peddlers. We're selling you "quality" blood lines for superior trees in the future. If nut trees were easy to grow then every nurseryman would have them. We cut the tops—the branches—in short, "the brush" off them to balance with the

roots sheared off in digging, to give them a chance to start for you. Then we dip the trees in a costly wax to keep them from drying out for you until started.

THAT NUT TREE HERITAGE. The nut nurserymen are a few simple souls determined to do more than just "Peddle brush" we love to work with the hard to handle trees or to introduce trees needed for your profit. When you buy, send your order to the Nut Tree Nursery if you want grafted, or select trees. Our life experience is passed on to you.

BOOKLET: I suggest you buy our booklet for 25¢ for successful nut and crop tree growing. Don't miss sending for it—the latest in description and cultural data.

#### **TERMS**

Prices subject to change without notice.

Cash must accompany order except where special terms are arranged or from old customers with good credit.

All prices f.o.b. Nursery. Orders up to \$5.00 of small size stock can be mailed—add 10% for all orders to be prepaid. We discourage Parcel Post shipment, the losses are terrific and there's no redress.

Express, delivers in half the time—few losses, squawks on claims.

Our responsibility ceases when shipment has been delivered to the hands of the carrier (or transportation agency).

No order where an affidavit must accompany invoice will be considered for less than \$10.00.

Six of one variety sold at the dozen rate.

All trees cut back and waxed dipped.

#### Grafted Black Walnut Juglans Nigra

The Commercial Tree of the North

The thin-shelled grafted varieties. The commercial nut tree for the north and a good partner for the Pecan in the middle south and southwest.

Thomas, the leader and all around nut.

Elmer Meyers, the more I see of this nut the better I like it. For those who like the Stabler, this will take its place—is as thin-shelled, better bearer, better kernel. Ohio, most ornamental foliage. Best bearer with poor care.

Cut Leaf—Juglans Nigra Laciniata—Keystone Variety This rare and odd fern leafed Black Walnut is indeed something. The nut shows promise of being a real oddity also. Up to 5-6 ft. in each price only.

and, op to continuous price only.		
	Each	Dozen
1—2 ft	.\$1.75	\$17.50
2—3 ft	. 2.50	25.00
3—4 ft	. 2.75	27.50
4—5 ft	. 3.00	30.00
5—6 ft		32.50
6—7 ft		35.00

#### Write for Hundred Rates.

Bearing trees next page.

#### Bearing Age Walnuts

THOMAS, the leading variety, bearing age—for those
wanting a specimen or an orchard quickly, these, with a
little care will fill the bill. By cutting back well and wax
dipping them they come out fine. 10% discount on these
if called for with no packing. (Hundred rates quoted).
T 1 D

	Each	Dozen
12—15 ft	\$12.00	\$120.00
Same height but heavy	15.00	150.00

# Black Walnut Seedlings. AWm. Penn Tree Selection Bears 5 to 7 years (My Introduction—My Selection)

Juglans Nigra

For large commercial plantings where machines will crack them, these are the trees to plant.

Remember these are not in the "just seedlings" class.
Fast growers—nut nearly as good as Thomas.

Each		Hundred
12—18 inch	\$ 2.00	\$10.00
18—24 inch	3.00	15.00
2—3 ft	4.00	25.00
3—4 ft	7.50	40.00
4—5 ft. (heavy)\$1.00	10.00	
(six at dozen rate, 75 at hur	idred rate)	

#### Butternuts J. Cinerea. Select Seedlings Only

	Each	Dozen	Hundred
2—3 feet	50	5.00	30.00
3—4 feet	.75	7.50	65.00
4—5 feet	1.00	10.00	75.00
(75 at hundr	ed rate)		

#### English or Persian Walnut

Juglans Regia Broadview Variety

This is the finest variety yet known to the east. Very hardy. Grafted on Black Walnut.

Bears in 5 to 7 years.

	TO COULD ALL	0 00 1	y CCCL CO	
			Each	Dozen
2—3 feet	 		\$3.00	\$30.00
3—4 feet	 		3 . 25	32.50
4—5 feet	 		3 . 50	35.00
5—6 feet	 		3 . 75	37.50

#### **Paw Paws**

#### Asimina Triloba

Am pleased to offer seedling at the following prices. Don't have many roots but will grow with care.

	Each Dozen
2—3 feet	 \$ .50 \$ 5.00
3—4 feet	 1.00 10.00

#### Filbert Hybrid Seedlings

	Each	Dozen	Hundred
12—15 inch	\$ . 25	\$ 2.50	\$15.00
15—24 inch	50 -	5.00	25.00

#### Filbert Layers

Corylus Avelina (plant two for pollenation)

Bears 3 to 5 years—18 feet height Barcellona, Pollenator, Davianna, DuChilly, do extra well in moist soils but grows anywhere.

Each Dozen \$17.50 Set 20 feet apart in a block 6-8 feet for informal hedge.

Chestnuts (Chinese) Castanea Mollissima Sweet, delicious, Blight resistant. Will not thrive on damp or heavy soils.

Bears 3-5 years.

Set 40 x 40 feet for orchard, 28 per acre.

Plant two for pollenation.

For years some effort has been made by individuals to select named varieties of this Chinese Chestnut (castanea mollissima). However, they come so nearly true from seed, we recommend the planting of seedlings for home and commercial use. A large field awaits the use of the Chestnut when the American people become convinced that they are resistant enough to the blight to make them worth while planting.

A letter just received from an Alabama planter says: "Planted 22 trees in 1934, 1946 harvested 1722 lbs. from

them, 1947, 150 lbs. from one tree.'

Why plant grafted trees that cost three times as much and just as you think you have something, they break at the graft.

Yes—sorry but due to seed scarcity can't offer smaller

sizes:

	Each	Dozen	Hundred
Two year	.\$ .70	\$ 7.00	
1—2 feet		11.00	\$ 80.00
2—3 feet	. 1.60	16.00	125.00
3—4 feet	. 2.00	20.00	165.00
Japanese Chestnuts			

Only a few for those who wish them. 2-3 ft. and 3-4 ft. each price same as above.

#### PLANTING SUGGESTIONS—Walnut-Chestnuts

I suggest you start out with a planting of walnut 60 x 60 ft. this makes 12 per acre. Then set a chestnut in each center of each square of walnut making 12 chestnuts per acre. This gives you a nice balance in space and soil use for the walnut is tall and deep rooted and the chestnut is more shallow rooted with a lower head.

> Grafted Shagbarks (eastern shellbark) Hickoria Ovata Romig, Grainger, Lorane, Glover

Each 

Pecans and Hicans: Due to abnormal spring we missed our propogation on these.

	Hickoria I			
Bears 5-6 years.	Beautiful	ornimental	thin	shelled.
Fairbanks and Stra	tford			Each
1—2 feet				\$3.00
2—3 feet				3.50
3—4 feet				3.75
Fairbanks ONLY	,			
4—5 feet				\$4.00
5—6 feet				4.50
6—7 feet				4.75

#### SUGAR MAPLE

This remarkable crop tree, the source of the finest sugar and sirup in the world has been over-looked too long by

forester and agricultural expert.

It is most beautiful, drought resistant and rapid growing. The only reason YOU haven't tapped your few trees is because it wasn't brought to your attention in our fast moving society.

	Each	Dozen
8—10 feet	.\$2.75	\$27.50
10—12 feet		35.00

#### Honey Locust (Thornless) (My Introduction)

Gleditsia triacanthos inermis Sweet pods for cattle feed.

Bears 3-5 years

Famous for growth value.

The agricultural Experiment Station at Auburn, Alabama reports in their 53rd annual report these startling facts:

"Auburn's animal husbandry has found their pods equal to oats pound for pound in a dairy ration. A team of

mules fed for 30 days on pods showed satisfactory results. Cows and hogs showed equal success.

"Bearing. At 5 years of age Millwood averages 58 pounds, Calhoun 26 pounds. At eight years, Millwood 200 pounds. Calhoun 60.

"Pods fall October 15th to December 30th.

"Tree interplanted to Lespedeza serica, cuts  $2\frac{1}{2}$  tons per acre annually."

Although Auburn recommends 30 x 30 ft. planting I prefer 40 ft. to 50 ft. I have 300 planted 45 x 45 ft. Their 8 year trees bore, figured in oats value with 20 trees per acre equal 125 bushels per acre, plus a crop of hay or pasture without cost of annual field preparation, planting and harvesting. Mature trees will grow as much as 300 bushels of Oats food value, per acre.

A note just in, their 9 yr. trees-bore 250 lbs.

My 300 odd trees, 3 years old, in a meadow so poor you can't raise your voice on are roaring toward "that big crop per acre at maturity, see complete food analysis in 25¢ booklet.

No one knows what it means to me to have such a Station back up my statements by their research.

For the city farm owner wishing to make the most out of his land with the least care here's your tree. I've set them on the worn-outest land in Tenn. and they grew and thrived. Set your pasture with these upper story forage producers.

I've seen them grow in semi swamps and with only 10 inches of rainfall in Colorado.

The small root system will make it easy for you and the Mrs. to put in a lot of them in one day.

Due to moving our nursery we're offering the middle sizes at a greatly reduced hundred rate. Take advantage of it. We find a tree over 6 ft. is 3 yrs. ahead of a 3-4 ft. size the second year. 75 at the hundred rate.

Vars. Calhoun— Millwood— Ea 2—3 feet\$1.		Hundred
3—4 feet	35 13.50	\$ 90.00
4—5 feet	60 16.00	100.00
5—6 feet	.85 18.50	120.00
6—7 feet	.10 21.00	130.00
7—8 feet	50 25.00	160.00
8—10 feet	75 27.50	185.00
10—12 feet 3.	.00 30.00	225.00
12—14 feet, extra heavy 5	.00	

#### Wm. Penn Oaks—(My Introduction)

These are the "corn fields of the future." When man grows up to use what he has, he'll Oak a mountain ridge, a hill-side, a rocky knoll.

According to production figures of bearing oaks a low of 274 bus, of corn per acre in hog food value can be grown on mts. and steep slopes. You can start YOUR future tax reduction by planting NOW?

Many people insist on a black or red oak. THE WHITE is JUST as beautiful as either in the autumn with the addition of—the BEST oak timber and the BEST acorn for feeding.

THE BURR stands out as a brunette in the landscape, dark, heavy large leaved, deep green foliage. Another attraction is their remarkably rapid growth AND corky bark on branches. Timber good, acorns large and sweet.

Wax dipped special-grown for making fine roots.

Two years and over.

Quercus Alba		White O	ak
4 12	\$1.25	12-15 in. \$2.00 3.50	
<b>Turkey Oak</b> (Q. Cerris) 4. 12		.\$2.00	15-20 in. \$2.50 6.00

#### Oak Transplanted

White—Burr—Turkey

Lint white oak seedling (sweet acorn)

These have remarkable roots and transplant well.

	Each	Dozen
2—3 feet	\$1.85	\$18.50
3—4 feet	2.15	21.50
4—5 feet	3.40	34.00
5—6 feet	4.00	40.00
6—7 feet	4.50	45.00
Burr Only		
7—8 feet	5.30	53.00
8–10 feet	6.00	60.00

#### Amelanchier

Often known as Shadberry, Juneberry, or Servisberry Bird feed, chicken feed, for dessert, ornamental

Stolenifera—bush form	Each	Dozen
Small plants	. \$0.40	\$ 4.00
2—3 feet, strong bushy plants	60	6.00
3—5 feet, strong bushy plants	. 1.00	10.00

#### Tree Form

		E	ach
3—4 feet	 	\$	1.50
5—6 feet	 		2.25
6—7 feet	 		2.50

#### Persimmon Diospyros Virginiana all grafted

Excellent selections of the American species.

Josephine, ripens fruit after the middle of September.

Sweet, delicious, yellow. Early Golden, comes in a few days later, slightly larger,

yellow.

Buhrman, large, late, solid flesh, color a dark marroon with purple bloom.

Bears 3-5 years.

	Each	Dozen
4—5 feet	.\$2.50	
5—6 feet	. 3.00	
6—7 feet	. 3.50	35.00
7—8 feet	. 4.00	40.00
8—10 feet	. 5.00	50.00

You should see the beautiful trees 2 and 3 years old bearing in the nursery row.

#### CHINESE PERSIMMONS Peiping, Great Wall.

And now folks I'm able to offer a limited number of these excellent, marvelous wonders of Oriental horticulture. You know those large ones you like to buy on the market. These are grafted high to prevent frost burst at ground. Not recommended hardy north of Southern Pennsylvania, Jersey, L. I., and southern Ohio, west. Extra strong

trees.

#### We hope to have plenty this Fall

#### Blight Resistant Pears. Budded Maxine Resembles Bartlett—excellent Sold out, Plenty next Fall, we hope

#### Seedlings Sand Pears

Ornamental a	and wildlife	food, fruit	hangs all winter.
4—6 feet			60¢ each
6—8 feet			\$1.00 each

#### Collins Variety Sand Pear. Salad pear.

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5-6	feet.	٠												٠	٠		٠										0			1	. '	75	5-
67	feet.																													2	. (	)(	)

#### Mulberry

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4-5	feet.		۰			٠				٠																								 \$1	. 1	75	5
6-7	feet.																																	2	1	00	)

#### Golden Weeping Willow

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3-5	ft		0 1			a 1	 	 	٠					٠	 							\$1	. 2	5
5-7	ft					. ,	 			×	*				 			*	×	×		2	. 0	0

#### Ginkgo Biloba

Salisburia (Maiden Hair)

Sausouria (Maiden Hall)
The stone-age tree, beautiful and magnificent.
Each
———————————————————————————————————————
4—5 feet\$2.50
5—6 feet
RED BUD (Ceris Canadensis)
As America becomes more conscious of native plants
the Red Bud is receiving greater respect, with its purple,
rope-like branches of flowers. Maximum height 15 ft.
Each
4—5 feet
5—6 feet
6—7 feet
7 9 foot 2 00
7—8 feet
7—8 feet (heavy) 5.00
OBMANDAMENT DIDD HOOD
ORNAMENTAL BIRD FOOD
Siberian Crab, Beautiful light pink bloom. Fruit hangs all winter for birds.
Each Dozen
6—7 feet (heavy)\$2.25 \$22.50
7—8 feet
8 10 feet 4 00 40 00

	Each	Dozen'
4—5 feet	\$2.00	\$20.00
5—6 feet	2.25	22.50
6—7 feet	2 50	25 00

#### PINK LOCUST (Robinia Hispida)

Should be used for naturalization on banks and knolls. The delicate candy-pink flowers are extremely fascinating and different. Maximum height not over 6 ft. 2-3'—75¢; 3-4'—\$1.00.

#### Dogwood, Native White Flowering Cornus Florida We have the finest stock in America.

Each	Dozen
3—4 feet	\$15.00
4—5 feet	17.50
5—6 feet	20.00
7–10 feet	40.00
10–12 feet	
12–15 feet 8.00	

#### Coralberry—Snowberry

	Each	Dozen
2—3 feet	. \$0.75	\$ 7.50
Heavy bushes	. 1.00	10.00

#### Club Selections for Planting Chicken Lots

Suggested Selection: 6 American mulberry, 6 Servisberry, 4 Sweet acorn white oak. \$2.50.

#### European Mt. Ash Sorbus Aucuparia

One of the most beautiful small lawn ornamentals. Their attractive fruit grow in large clusters not only decorate the home landscape but feed birds, especially quail and pheasants all winter. Must plant 2 for pollenation.

	Each	Dozen
5—6 feet	.\$1.75	\$17.50
6—7 feet	. 2.00	20.00
7—8 feet	. 2.25	22.50
8–10 feet	. 2.50	25.00
10-12 feet	. 2.75	27.50

### PLANTING FOR FUTURE WILD-LIFE 10¢

#### Plants for Wildlife Feeding

We list these in the fall for planters south of the Mason and Dixon line. In the north it gives you time to figure out spring needs. Planting of small seedling in the fall where you experience heaving is bad. Wait until spring. BUT place your order now.

### How to Plant a Border for Best Results in Bird Feeding Blue print for border, \$1.00.

The ultimate effect will be an ornamental bank nearly all year—a solid hawk screen where birds can feed in safety and scoot to cover among the low bushes if attacked by predatory birds.

This is one of the most complete lists of nursery stock for wildlife ever offered. Also note the ornamental affect of this list for farm and landscape plantings.

A game program without permanent feed is futile. Adequate plantings of woody food-bearing plants is the solution.

Pitch in and help them by setting an example to the public by planting your own lands and sponsoring club plantings.

Order Early.

This stock is limited and so's game without food. How many can you use? All hard to transplant stock cut back and wax dipped to insure the highest possible survival.

Many people wish to plant a few. To be of service to all we've made the following schedule when less than a hundred is ordered.

1 to 24, double the hundred rate. 25 at the hundred rate. For large mass planting, special rates.

And remember for parcel post orders up to \$5.00, add 10% postage.

Approx.	Price	Price
Height	Per	Per
of Growth	100	1000
6 ft. Aronia arbutifolia (chokeberry	•)	
12-18 in	.\$ 3.00	\$24.00
12-15 ft. Ameancher Stolenifera (June	-	
berry), bush 12''	. 10.00	
18-20 ft. Corylus, hybrid hazel seedling	s See	page 5
6-8 ft. Rhus copallina (black sumac)	7	
12-18"	. 2.50	20.00
6 ft. R. canadensis (fragrant sumac	c),	
12-18"	. 7.00	60.00
4-6 ft. Symphoricarpos vulgaria (Coral		40.00
berry), 10-15"	. 5.00	40.00
4-6 ft. S. Racemosus (white snowberry)	7 00	(0, 00
12-18"		60.00
25 ft. Mt. Ash, 24-30 inches		
6 ft. Dryland Blueberries (for dry places)	12.00	
9-12 inches	. 12.00	20.00
75 ft. Beech, 12-18 inches	. 4.00	30.00
30 ft. Dogwoods, 12-18 inch	8.00	60.00
40 ft. Mulberry Seedlings, strong 2 yr	2 50	20.00
12-18 inch		20.00
18-24 inch		30.00
2-3 feet		40.00
3-4 feet	6.00	50.00
30-40 ft. Persimmon seedlings, 6-12 inches	s 10.00	80.00

### NUT TREE NURSERIES

DOWNINGTOWN, PENNA., PHONE 893-J MARCH 1st, 1948

#### BLIGHT RESISTANT POTATO SEED

Remember the article in July "Farm Journal" and early December "Rural New Yorker" on Ashworth's potatoes? Spring of 1947 we planted 5½ bushels of seed. Harvested 87 bushels, no spraying.

For the small home owner—for the commercial grower who wishes to save a \$100 per acre spraying, here's your potatoes. **REMEMBER**—grow them away from other spuds. Smooth, lean to mealy. One peck \$1.40, one bushel \$5.00. Express Collect. Cash with Orders.

The following is a list of odd trees or odd sizes of regular stock. Those marked "for local sale only" means—too inconvenient to pack under present conditions except at additional cost.

Name Size	Each
These are beautiful well shaped	
specimens (for local sale)	
Beech, wide spread15-18 ft.	\$50.00
Beech15—18 ft.	40.00
Beech10—12 ft.	30.00
Beech 810 ft.	20.00
Norway Maple 7 – 8 ft.	3.25
Norway Maple 8-10 ft.	3.75
	4.00
Norway Maple10—12 ft. Blooming	4.00
Great Silver Bell heavy 8—10 ft.	3.50
Great Silver Bell heavy10—15 ft.	5.00
Purple Leaved Flowering Crab 8—10 ft.	4.00
Frost Grape strong	.50
Rhus Copallina (for local sale) 5—6 ft. bushes	2.50
Rhus Copallina	3.00
Honey Locust beautiful specimen	0.00
thornless grafted variety (for	
local sale)	35.00
Red Bud or Judas Tree, Large	00.00
12-15 ft. height and spread	
(for local sale only hereon	20.00
Red Bud blooming10—12 ft.	7.00
Fragrant Honey Suckle, large wide bush 6-7 ft. BB	6.00
Larger Plants For Wild Life	
Bearing now	
Each	Dozen
Choke berry (red), 3-4 feet\$1.00	\$10.00
Shiny Sumac, 5-7 feet	5.00
Fragrant Sumac, 3-4 feet	7.50
Buckthorn, 5-6 feet 1.00	10.00

6 ft. Morrowii Bush Honeysuckle, 12-18 inch1	2.00	
	100 20.00 7.00	\$60.00
15—20 ft. Viburnum-Lentago. (Black Har 2—3 feet \$ .75 \$ 7.50 18—24 inch \$ \$	w) -	
High Bush Cranberry (Vib. Americana)\$ Buckthorn (Rhamus Frangula)		1000 \$70.00 25.00
Can offer a few wild life plants in larger	eizos f	or quiel

Can offer a few wild life plants in larger sizes for quick effect. See colored sheet

## BLUEBERRIES BLUEBERRIES Home Grown Blueberries As You Like Them

This native American addition to our horticulture through careful cross breeding is for your enjoyment IF you follow cultural instructions carefully and prayerfully. They're the greatest thing you ever saw for returns. Having no thorns like cane berries the kiddies and wife can pick them without hurting their bare feet.

Family Requirements: One plant per person, two if you wish to preserve for year round enjoyment, three if you like to sell or give away.

Where to Plant: abandoned land from sour semi swampy soil up to light hill soils or garden soils. The drier the soil the more mulch needed and watering until established. And remember they are quite attractive for lawn planting.

DISTANCE TO PLANT: five to six feet apart on row. Rows ten feet apart. How many can you use? Six sold at the doz. rate.

CULTURAL CARE: Remember they **must** have sour soil and a heavy mulch. If weeds come through pull them.

Soil: Anything but heavy clay. If your soil is clay and you must have Blueberries then dig a hole 12 inches deep, 24 inches wide fill with woods soil or sandy loam, then plant.

Mulch: Saw dust, peat moss, oak leaves, woods mold. No manure.

PLANTING: It's a good thing to mix the soil 50-50 with the above mentioned.

FERTILIZER: Authorities recommend sulphate of ammonia. That's a quick available feed and sours the ground. Others say a good mixed complete fertilizer is good like a 4-7-4. How I'm doing it. Our farm abused by city farmers for years isn't too sweet soiled any way. I planted, spread several hands full of a 50-50 mixture of low grade tankage and ground raw phosphate rock. These plants need phosphate badly for health and production.

We're pleased to be able to offer you these excellent varieties in bearing sizes as well as smaller.

Varities:	
Each	Dozen
Cohansey, Stanley, Concord, Jersey. 3 yr., 15-24", Bearing Age\$1.80	\$18.00
Stanley, Rancocas, Jersey. 2 yr	12.50

#### Write for hundred rate.

As to cultivating. If you must cultivate keep away from the roots and mulch over the roots to keep weeds down. I held my planting back doing **good** harrowing, for the roots are just under the surface.

Then I planted to soy beans to build the soil. Blueberry growers tell me cover crops are good but under large plants soy beans won't take the shade but oats will.

In low ground no mulch is needed, in semi-swamp throw a row up with a plow and plant on top. The roots will go down and find the water they need.

DISEASES: Yes, like every thing else where the materialistic hand of science touches, soil "debauchery" sets in from over pressure—for quick production by chemical fertilizing,—killing soil bacteria—burning out the humus with cultivation—then disease.

Stunt disease seems to be the big problem today. We get our plants from a certified nursery in a stunt free area, so you need have no worries. Try them!!

Shipments out of the beetle zone must be free of soil' therefore, we suggest you puddle well in planting to get the soil well placed among the fiberous roots.

#### Literature

#### NO NUT CRACKERS

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Your membership carries the benefits of a bound report of the Annual Meeting held with the Pennsylvania Farm Show at Harrisburg in January, and a report of the Field Day held each autumn at a grower's home where nut orchard problems are discussed.

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Draw check to Howard M. Oesterling, Secy-Treas., R. #1, Marysville, Pa.